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Cheng

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[54]	SPRING-ANIMATED TOY FIGURE							
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[58]								
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			376, 382, 486					
[56] References Cited								
U.S. PATENT DOCUMENTS								
D. 179,949 3/		3/1957	Malsed 446/320 X					
2,415,012								
2,862,330								
			Derham					
4,216,612		8/1980	Erickson et al 446/382 X					

4,657,519	4/1987	Kobayashi 446/376					
4,690,656	9/1987	Friedman et al 446/424 X					
4,828,532	5/1989	Tarlow et al 446/486					
FOREIGN PATENT DOCUMENTS							

792065	12/1935	France	446/317
248235	5/1948	Switzerland	446/382
966420	8/1964	United Kingdom	446/379

OTHER PUBLICATIONS

Original SLINKY® Dog Pull Toy, copy of box used in sale of product, James Industries Inc., 2 pages.

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ABSTRACT

An articulated spring toy comprising fore and aft body sections connected together by a helical spring. The spring is fastened at opposite ends to the body sections in a manner that conceals the spring ends and provides a permanent connection that resists disconnection in normal usage. Other desirable structural features are also disclosed.

14 Claims, 4 Drawing Sheets

